

Amendments to the claims:

The listing of claims will replace all prior versions of the claims in the application.

1. (Currently amended) An alloy steel in weight percentage ~~consisting of~~ comprising from about 0.16% to about 0.35% carbon, about 0.85% maximum manganese, an amount of silicon up to about 1.25% maximum ~~silicon~~, about 1.50% to about 3.25% chromium, about 5.00% maximum nickel, about 0.55% maximum molybdenum, about 0.70% to about 3.25% tungsten, about 0.05% to about 0.30% vanadium, about 0.50% maximum copper, about 0.015% maximum phosphorous, about 0.012% maximum sulfur, about 0.02% maximum calcium, about 0.14% maximum nitrogen, about 0.05% maximum aluminum, and balance essentially iron, wherein said alloy steel has an ultimate tensile strength level of about 233-270 ksi.

2. (Currently amended) The alloy steel as in claim 1, ~~consisting of~~ comprising about 0.28% carbon, about 0.74% manganese, about 0.012% phosphorus, about 0.003% sulfur, about 1.03% nickel, about 2.75% chromium, about 0.011% aluminum, about 1.17% tungsten, about 1% silicon, about 0.36% molybdenum, about 0.0073% nitrogen, about 0.06% vanadium, about 0.1% copper, about 0.02% calcium, and balance essentially iron, wherein said alloy steel has an ultimate tensile strength level of about 233-270 ksi and Charpy V-notch impact strength of about 20-43 ft-lb at -40°F.

3. - 20 (Cancelled)

21. (Original) A bomb casing material comprising the alloy steel in weight percentage as in claim 1.

22. (Original) A bomb casing material comprising the alloy steel in weight percentage as in claim 2.

23. (Currently Amended) An alloy steel in weight percentage ~~consisting essentially of from comprising~~ about 0.16% ~~to about 0.35%~~ 0.28% carbon, about 0.85% maximum manganese, about 1.00% ~~1.25%~~ silicon, about 1.50% to about 3.25% chromium, about 1.03% ~~5.00%~~ maximum nickel, about 0.55% maximum molybdenum, ~~about 0.70% to about 3.25% tungsten,~~

about 1.17% tungsten, about 0.05% to about 0.30% vanadium, about 0.50% maximum copper, about 0.015% maximum phosphorous, about 0.012% maximum sulfur, about 0.02% maximum calcium, about 0.14% maximum nitrogen, about 0.05% maximum aluminum, and balance essentially iron, wherein said alloy steel has an ultimate tensile strength level of about 233-270 ksi.

24. (Currently Amended) An alloy steel in weight percentage consisting essentially of ~~from about 0.16% to about 0.35%~~ 0.28% carbon, an amount of manganese up to about 0.85% maximum, about ~~1.00%~~ 1.25% silicon, about 1.50% to about 3.25% chromium, ~~an amount of nickel up to about 5.00% maximum~~ about 1.03% nickel, an amount of molybdenum up to about 0.55% maximum, ~~about 0.70% to about 3.25% tungsten,~~ about 1.17% tungsten, about 0.05% to about 0.30% vanadium, an amount of copper up to about 0.50% maximum, an amount of phosphorous up to about 0.015% maximum, an amount of sulfur up to about 0.012% maximum, ~~an amount of calcium up to about 0.02%~~ calcium maximum, an amount of nitrogen up to about 0.14% maximum, an amount of aluminum up to about 0.05% maximum, and balance consisting of essentially iron, wherein said alloy steel has an ultimate tensile strength level of about 233-270 ksi and Charpy V-notch impact strength of about 20-43 ft-lb at -40°F.

Please add the following new claims:

25. (New) A bomb casing material comprising the alloy steel in weight percentage as in claim 23.

26. (New) A bomb casing material comprising the alloy steel in weight percentage as in claim 24.

27. (New) The alloy steel recited in claim 1 wherein said steel has a Charpy V-notch impact strength of about 20-43 at -40°F.

28. (New) The alloy steel recited in claim 23 wherein said steel has a Charpy V-notch impact strength of about 20-43 at -40°F.

29. (New) The alloy steel recited in claim 2 wherein said steel has an ultimate tensile

strength level of about 247 ksi.

30. (New) The alloy steel recited in claim 23 wherein said steel has an ultimate tensile strength level of about 247 ksi.

31. (New) The alloy steel recited in claim 24 wherein said steel has an ultimate tensile strength level of about 247 ksi.

32. (New) The alloy steel recited in claim 1 wherein said steel has an ultimate tensile strength level of about 244 ksi.

33. (New) The alloy steel recited in claim 1 wherein said steel has an ultimate tensile strength level of about 234 ksi.

34. (New) The alloy steel recited in claim 1 wherein said steel has an ultimate tensile strength level of about 270 ksi.

35. (New) The alloy steel recited in claim 1 wherein said steel has an ultimate tensile strength level of about 248 ksi.